

Lake District National Park

Forecast valid from 06:00 on Tuesday 14 Feb 2023 until 23:59 on Wednesday 15 Feb 2023

Forecast Issued on Tuesday 14 Feb 2023 at 02:02

Confidence: High for dry and bright weather on Tuesday then turning more unsettled from Wednesday onwards with low cloud, rain and strong winds at times. Low confidence for track and depth of a low pressure system moving over northern UK early on Friday.

Headline for Tuesday 14 Feb 2023: Dry and bright. Breezy on the tops.

Mountain weather hazards on Tuesday 14 Feb 2023

Blizzards

No Likelihood

Heavy persistent snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

No Likelihood

Poor visibility

No Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Partly cloudy (night)	Sunny intervals	Cloudy	Cloudy	Cloudy	Partly cloudy (night)
Precipitation probability					
<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Tuesday 14 Feb 2023

Weather: A dry day with bright or sunny spells although high cloud will make things rather cloudy and cooler for a few hours. Another dry evening with long clear spells.

Chance of cloud-free hill tops above 800m: 95%.

Low cloud and visibility: Mainly good visibility, although a haze will obscure distant hills. Any cloud expected to be above the summits.

Forecast for Tuesday 14 Feb 2023

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	28/33 S	29/35 S	30/36 S	28/34 S	31/38 SE	29/36 SE	34/42 SE
600	23/29 S	24/30 S	24/32 S	21/28 S	26/35 SE	27/38 SE	30/40 SE
300	7/22 S	5/22 S	4/20 S	3/19 S	5/23 S	6/24 S	7/26 S
Valley	0/14 SE	1/16 SE	3/17 SE	3/15 SE	5/21 SE	7/24 SE	8/26 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	4/-2	7/1	5/-1	6/1	7/1	6/1	6/-0
600	4/-1	7/2	6/1	7/3	7/2	6/1	6/0
300	2/-1	5/3	7/6	8/8	7/6	7/6	6/4
Valley	3/2	6/5	8/7	9/8	9/8	9/7	8/6
Freezing Level*	900m	1900m	1900m	1700m	1800m	1700m	1600m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

A fine and clear day for being in the hills. Breezy and feeling rather cold on the tops, especially during any cloudy spells.

Forecast for Wednesday 15 Feb 2023

Weather: Dry with clear spells overnight. Cloud soon thickening in the morning to bring a spell of rain for several hours. This will turn to snow for a time above 800m before clearing away east in the afternoon. Bright or clear spells and scattered showers will follow, wintry on the tops.

Maximum wind: Southerly 25 to 35mph with gusts 45mph, becoming Southwest 20 to 25mph, gusts 35mph in the afternoon.

Chance of cloud-free hill tops above 800m: 90% becoming 10% for several hours then improving to 70% in the afternoon.

Low cloud and visibility: Good at first but quickly deteriorating as rain arrives with extensive cloud and fog developing above 400 or 500m. Improving through the afternoon with cloud lifting and breaking but briefly poor in showers.

Temperature: **Valleys:** Plus 2C rising to 9 or 10C.
At 800m: Plus 4C falling to Plus 1C.
Freezing level: Above summits, falling to 900m in afternoon.

Ground Conditions Supplement

Date: Monday 13 February 2023. Location: Helvellyn summit at 11:40. Full report: A glorious day on the high fells with the warmest summit temperature recorded so far this season, (which was higher than the valley temperature) owing to a magnificent cloud inversion. There was a layer of cloud between approximately 600m and 750/800m. The vast majority of the Lakeland fells up to, and including, summit level are clear of snow and ice. The only remaining patches lie above 900m on steep north and east facing slopes. When they caught some sun, the snow was soft and thawing but where in the shade it was hard and icy. Probably the only snow left on any path in the Lake District is at the top of Swirral Edge – although it can be avoided. The normal exit to Striding Edge is now almost snow free although, again, the snow can be avoided completely. With light winds and the summit in the sun, it felt like Spring on the tops today and even those dressed in shorts and carrying no extra clothing were able to linger to enjoy the magnificent conditions. However, such conditions are definitely the exception, not the rule, for February and it is only the third time this season that the summit windchill temperature (what the temperature actually feels like) has been above zero. In addition, conditions can change very quickly on the fells hence full winter clothing (waterproofs, extra warm layers, hat and gloves), mountain boots and equipment including a torch, map and compass all remain essential to safely – and enjoyably - roam the fells.

Temperature: plus 9.7 C, Maximum wind speed 17.0 mph, Wind chill: plus 5.7 C, Average wind speed: 13.5 mph.

Issued at: 02:02 on Tue 14 Feb 2023